

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re	Application	of:	·
Muthi	ah Manohara	n	Group Art Unit: 1635
For:	OLIGONU	DRATE OR 2'-MODI CLEOTIDES HAVING TING INTERNUCLEO	<del>)</del>
		DECLARATION AN	ND POWER OF ATTORNEY
As a b	elow named	inventor, I hereby decla	are that:
Му ге	sidence, post	office address and citiz	enship are as stated below next to my name; and
origin		oint inventor (if plural n	ole inventor (if only one name is listed below) or ar names are listed below) of the subject matter which
	☑ Utili	ty Patent	Design Patent
is sou	ght on the inv	ention, whose title app	ears above, the specification of which:
		is attached hereto.	•
	$\boxtimes$	was filed on July 7,	1999 as Serial No. <u>09/349,007</u> .
		said application hav	ring been amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

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**PATENT** 

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<b>_</b>			
<b>_</b>			
<b>_</b>			
<u> </u>			

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
09/115,025	July 14, 1998	Pending
	•	•

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
•	

I hereby appoint the following persons of the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

	Michael P. Straher, Esq.	Reg. No. <u>38,325</u>
	John W. Caldwell, Esq.	Reg. No. <u>28,937</u>
and		
	Herb Boswell	Reg. No. <u>27,311</u>
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Muthiah Manoharan	Murich Mershen Signature
Mailing Address: 7634 Reposado Drive, Carlsbad, California 92009	Date of Signature: August 18 1977
City/State of Actual Residence: Carlsbad, California 92009	Citizenship: <u>U.S.</u>